

# SEQUENCE LISTING

<110> Raucy, Judy

<120> Composition and Methods for Induction of Proteins Involved  
in  
Xenobiotic Metabolism

<130> PUR-00114.P.1.1.1.1

<150> US 10/222,679  
<151> 2002-08-16

<150> US 09/832,621  
<151> 2001-04-11

<150> US 60/196,681  
<151> 2000-04-12

<150> US 60/241,391  
<151> 2000-10-17

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<170> PatentIn version 3.2

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120

tgccgtgtat gtggggacaa ggccactggt tatcacttca atgtcatgac atgtgaaggg  
180

tgcaagggct ttttcaggag ggccatgaaa cgcaacgcc gccttaggtg ccccttcgg  
240

aaggggcgct gcgagatcac ccggaagacc cggcgacagt gccaggcctg ccggctgcgc  
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aagtgcctgg agagcggcat gaagaaggag atgatcatgt ccgacgcggc cgtagaggag  
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aggcgggcct tgatcaagag gaagaaaaga gaacggatcg ggactcagcc acccggagtg  
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caggggctga cggaggagca gcggatgatg atcagggagc tgatggacgc tcagatgaaa  
480

acctttgaca ctaccttctc ccatttcaag aatttccggc tgccaggggt gcttagcagt  
540

ggctgtgaga tgccagagtc tctgcaggcc ccatcgaggg aagaagctgc caagtggaac  
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agtgtctgga actacaaacc cccagccgac aatggcgagg aagagatctt ctccctgctg  
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Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe  
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Phe Arg Arg Ala Met Lys Arg Asn Ala Arg Leu Arg Cys Pro Phe Arg  
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Lys Gly Ala Cys Glu Ile Thr Arg Lys Thr Arg Arg Gln Cys Gln Ala  
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Cys Arg Leu Arg Lys Cys Leu Glu Ser Gly Met Lys Lys Glu Met Ile  
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Met Ser Asp Ala Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys  
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Lys Arg Glu Arg Ile Gly Thr Gln Pro Pro Gly Val Gln Gly Leu Thr  
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Glu Glu Gln Arg Met Met Ile Arg Glu Leu Met Asp Ala Gln Met Lys  
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Thr Phe Asp Thr Thr Phe Ser His Phe Lys Asn Phe Arg Leu Pro Gly  
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Val Leu Ser Ser Gly Cys Glu Met Pro Glu Ser Leu Gln Ala Pro Ser  
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195 200 205

Val Lys Val Ser Val Gln Leu Arg Gly Glu Asp Gly Ser Val Trp Asn  
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Tyr Lys Pro Pro Ala Asp Asn Gly Gly Lys Glu Ile Phe Ser Leu Leu  
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Pro His Met Ala Asp Met Ser Thr Tyr Met Phe Lys Gly Ile Ile Asn  
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Ile Ser Leu Leu Lys Gly Ala Thr Phe Glu Leu Cys Gln Leu Arg Phe  
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Ser Tyr Cys Leu Glu Asp Pro Ala Gly Gly Phe Gln Gln Leu Leu Leu  
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Glu Pro Met Leu Lys Phe His Tyr Met Leu Lys Lys Leu Gln Leu His  
325 330 335

Glu Glu Glu Tyr Val Leu Met Gln Ala Ile Ser Leu Phe Ser Pro Asp  
340 345 350

Arg Pro Gly Val Val Gln His His Val Val Asp Gln Leu Gln Glu Gln  
355 360 365

Tyr Ala Ile Thr Leu Lys Ser Tyr Ile Glu Cys Asn Arg Pro Gln Pro  
370 375 380

Ala His Arg Phe Leu Phe Leu Lys Ile Met Ala Met Leu Thr Glu Leu  
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Arg Ser Ile Asn Ala Gln His Thr Gln Arg Leu Leu Arg Ile Gln Asp  
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aagggtttct tcaggagaac agtcagcaaa agcattggtc ccacctgccc ctttgctgga  
180

agctgtgaag tcagcaagat tcagaggcgc cactgcccag cctgcagggt gcagaagtgc  
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ttagatgctg gcatgaggaa agacatgata ctgtcggcag aagccctggc attgcggcga  
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Ser	Lys	Ser	Ile	Gly	Pro	Thr	Cys	Pro	Phe	Ala	Gly	Ser	Cys	Glu	Val
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Ser Lys Ile Gln Arg Arg His Cys Pro Ala Cys Arg Leu Gln Lys Cys  
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Leu Asp Ala Gly Met Arg Lys Asp Met Ile Leu Ser Ala Glu Ala Leu  
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Ala Leu Arg Arg Ala Lys Gln Ala Gln Arg Arg Ala Gln Gln Thr Pro  
100 105 110

Met Gln Leu Ser Asn Glu Gln Glu Glu Leu Ile Gln Thr Leu Leu Gly  
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Ala His Thr Arg His Met Gly Thr Met Phe Glu Gln Phe Val Gln Phe  
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Arg Pro Pro Ala His Leu Phe Ile His His Gln Pro Leu Pro Thr Leu  
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Ala Pro Val Leu Pro Leu Val Thr His Phe Ala Asp Val Asn Thr Phe  
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Met Val Gln Gln Val Ile Lys Phe Thr Lys Asp Leu Pro Val Phe Arg  
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Ser Leu Pro Ile Glu Asp Gln Ile Ser Leu Leu Lys Gly Ala Ala Val  
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Glu Ile Cys His Ile Val Leu Asn Thr Thr Phe Cys Leu Gln Thr Gln  
210 215 220

Asn Phe Leu Cys Gly Pro Leu Arg Tyr Thr Ile Glu Asp Ala Ala Arg  
225 230 235 240

Val Ser Pro Ala Val Gly Phe Gln Val Glu Phe Leu Glu Leu Leu Phe  
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His Phe His Gly Thr Leu Arg Lys Leu Gln Leu Gln Glu Pro Glu Tyr  
260 265 270

Val Leu Leu Ala Ala Met Ala Leu Phe Ser Pro Asp Arg Pro Gly Val  
275 280 285

Thr Gln Arg His Glu Ile Asp Gln Leu Gln Glu Glu Met Ala Leu Thr  
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Leu Gln Ser Tyr Ile Lys Gly Gln Gln Gln Arg Pro Arg Asp Arg Phe  
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Leu Tyr Ala Lys Leu Leu Gly Leu Leu Ala Glu Leu Arg Ser Ile Asn  
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